

9/335,950

NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 6-18-99 are:

- A ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152
 B ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a). Acceptable categories of drawings:
Black ink. Color.

- Color drawings are not acceptable until petition is granted.
 Fig(s) _____
 Pencil and non black ink not permitted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b).

- 1 full-tone set is required. Fig(s) _____
 Photographs not properly mounted (must use crystal board or photographic double-weight paper). Fig(s) _____
 Poor quality (half-tone). Fig(s) 2, 8, 10, 12, 14, 15

3. TYPE OF PAPER. 37 CFR 1.84(c).

- Paper not flexible, strong, white, and durable.
 Fig(s) _____
 Erasures, alterations, overexposures, interlineations,
 folds, copy machine marks not accepted. Fig(s) 1-15
 Mylar, velum paper is not acceptable (too thin).
 Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(d). Acceptable sizes:

- 21.0 cm by 29.7 cm (DIN size A4)
 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
 All drawing sheets not the same size.
 Sheet(s) _____
 Drawings sheets not an acceptable size. Fig(s) _____

5. MARGINS. 37 CFR 1.84(g). Acceptable margins:

- Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 SIZE: A4 Size
 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 SIZE: 8 1/2 x 11
 Margins not acceptable. Fig(s) 1-8, 10, 15
 Top (T) _____ Left (L) _____
 Right (R) _____ Bottom (B) _____

6. VIEWS. 37 CFR 1.84(h).

REMARKS: Specification may require revision to
 correspond to drawing changes.

Partial views. 37 CFR 1.84(h)(2).

- Brackets needed to show figure as one entity.
 Fig(s) _____
 Views not labeled separately or properly.
 Fig(s) _____
 Enlarged view not labeled separately or properly.
 Fig(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3).

- Hatching not indicated for sectional portions of an object.
 Fig(s) _____
 Sectional designation should be noted with Arabic or
 Roman numbers. Fig(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i).

- Views do not appear on a horizontal, left-to-right fashion
 when page is either upright or turned so that the top
 becomes the right side, except for graphs. Fig(s) _____

9. SCALE. 37 CFR 1.84(j).

- Scale not large enough to show mechanism without
 crowding when drawing is reduced in size to proportion in
 reproduction.
 Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS.
37 CFR 1.84(k).

- Lines, numbers & letters not uniformly thick and well
 defined, clear, durable, and black (up or line quality).
 Fig(s) 1, 9, 11, 13

11. SHADING. 37 CFR 1.84(l).

- Solid black shading not permitted. Fig(s) _____
 Solid black shading not permitted. Fig(s) _____
 Shading lines, pale, rough and blurred. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.
37 CFR 1.84(m).

- Numbers and reference characters not plain and legible.
 Fig(s) 1-15
 Figure legends are poor. Fig(s) 1-15
 Numbers and reference characters not oriented in the
 same direction as the view. 37 CFR 1.84(m)(1).
 Fig(s) _____
 English alphabet not used. 37 CFR 1.84(m)(2).
 Fig(s) _____
 Numbers, letters and reference characters must be at least
 32 cm (1 3/8 in.) in height. 37 CFR 1.84(m)(3).
 Fig(s) _____

13. LEAD LINES. 37 CFR 1.84(n).

- Lead lines cross each other. Fig(s) _____
 Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(o).

- Sheets not numbered consecutively, and in Arabic numerals,
 beginning with number 1. Sheet(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(p).

- Views not numbered consecutively, and in Arabic numerals,
 beginning with number 1. Fig(s) _____

16. CORRECTIONS. 37 CFR 1.84(q).

- Corrections not made from prior PTO 948.
 Filed _____

17. DESIGN DRAWINGS. 37 CFR 1.152.

- Surface shading shown not appropriate. Fig(s) _____
 Solid black shading not used for color contrast.
 Fig(s) _____

COMMENTS

REVIEWER

JC

DATE

7-21-99

TELEPHONE NO.

703 305 8930

ATTACHMENT TO PAPER NO.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities--37 CFR 1.85

File new drawings with the changes incorporated therein. The application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawings in accordance with 37 CFR 1.84(c). Applicant may delay filing of the new drawings until receipt of the Notice of Allowability (PTOL-37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Processing Branch.

2. Timing for Corrections

Applicant is required to submit **acceptable** corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable corrections resubmitted within the original three-month period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in **ABANDONMENT** of the application.

3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings other than informalities noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.